

RADIATION MANUFACTURING APPARATUS AND METHOD

Abstract of the Disclosure

An apparatus and method for reacting on articles of manufacture with radiation such as generated by an electron gun, laser or other means directed against a substrate wherein controlled movement of the substrate and/or the radiation is effected under the control of a computer. Controlled operation of the radiation and its movement against the substrate or the movement of the substrate during processing is effected by operating an automatic computer or master controller. An automatic article manipulator is also controlled in its operation to move the substrate prior to, and after operation thereon with such radiation. A single computer or master controller may be employed to control the operation of the manipulator for removing the substrate from the vicinity of the radiation and replacing it with a new article to be operated on during the next cycle of operation of the radiation generating means.